

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|---|-------|------------------|---------|---------------------|
| L1 | 89494 | "455"/\$.CQLS. OR "330"/\$.CQLS. | USPAT | OR | OFF | 2008/12/07 21:35 |
| L2 | 24649 | "331"/\$.CQLS. | USPAT | OR | OFF | 2008/12/07 21:36 |
| L3 | 66858 | "327"/\$.CQLS. | USPAT | OR | OFF | 2008/12/07 21:37 |
| L4 | 188028 | ("331"/\$.CQLS. OR "333"/\$.CQLS.) OR ("327"/\$.CQLS. OR "455"/\$.CQLS. OR "330"/\$.CQLS.)) | USPAT | OR | OFF | 2008/12/07 21:37 |
| L5 | 148737 | "327"/\$.CQLS. OR ("455"/\$.CQLS. OR "330"/\$.CQLS.) | USPAT | OR | OFF | 2008/12/07 21:38 |
| L6 | 110043 | 1 or 2 | USPAT | OR | OFF | 2008/12/07 22:00 |
| L7 | 188028 | 3 or 4 | USPAT | OR | OFF | 2008/12/07 22:00 |
| L8 | 163841 | 5 or 6 | USPAT | OR | OFF | 2008/12/07 22:00 |
| L9 | 188028 | 7 or 8 | USPAT | OR | OFF | 2008/12/07 22:00 |
| L12 | 5 | 9 and (radio transceiver) and (bandpass filter) and (cascad\$3 adj filter) and (polyphase adj filter) and (notch filter) | USPAT | OR | OFF | 2008/12/07 22:03 |
| L14 | 9 | 9 and (radio transceiver) and (bandpass filter) and (cascad\$3 adj filter) and (polyphase filter) and (notch\$3 adj filter) | USPAT | OR | OFF | 2008/12/07 22:14 |
| L16 | 1 | 14 and (polyphase adj filter) | USPAT | OR | OFF | 2008/12/07 22:15 |
| S1 | 42399 | "455"/\$.CQLS. | USPAT | OR | OFF | 2007/03/18 00:58 |
| S2 | 23994 | "330"/\$.CQLS. | USPAT | OR | OFF | 2003/11/08 00:50 |

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|-----|-------|--|---------------------------|----|-----|---------------------|
| S4 | 29267 | "333"/\$.CCLS. | USPAT | OR | OFF | 2003/11/08 00:51 |
| S7 | 49467 | "331"/\$.CCLS. OR "333"/\$.CCLS. | USPAT | OR | OFF | 2003/11/08 00:52 |
| S11 | 7 | ((("331"/\$.CCLS. OR "333"/\$.CCLS.) OR ("327"/\$.CCLS. OR ("455"/\$.CCLS. OR "330"/\$.CCLS.))) AND (NOTCH ADJ FILTER)) AND (POLYPHASE ADJ FILTER) | USPAT | OR | OFF | 2003/11/08 01:07 |
| S13 | 1 | ((("331"/\$.CCLS. OR "333"/\$.CCLS.) OR ("327"/\$.CCLS. OR ("455"/\$.CCLS. OR "330"/\$.CCLS.))) AND (NOTCH ADJ FILTER)) AND (INVERT\$3 SAME PHASE) AND (QUADRATURE SAME SIGNAL)) AND (POLYPHASE SAME FILTER) | USPAT | OR | OFF | 2003/11/08 01:22 |
| S14 | 25 | ((("331"/\$.CCLS. OR "333"/\$.CCLS.) OR ("327"/\$.CCLS. OR ("455"/\$.CCLS. OR "330"/\$.CCLS.))) AND (NOTCH ADJ FILTER)) AND (INVERT\$3 SAME PHASE) AND (QUADRATURE SAME SIGNAL)) AND (NOTCH ADJ FILTER) | USPAT | OR | OFF | 2004/12/27 10:51 |
| S15 | 4 | "6236847" | USPAT | OR | OFF | 2004/12/27 10:52 |
| S16 | 12 | ("4434508" "4696055" "4723318" "5300838" "5715529" "5764708" "5949878" "5960364").PN. OR ("6236847").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/03 12:12 |

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|-----|----|--|--|----|-----|---------------------|
| S17 | 5 | ("6211708" "6236847" "6456167" "6577691" "6587017").PN. OR ("6822496").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/03 12:34 |
| S18 | 12 | ("4434508" "4696055" "4723318" "5300838" "5715529" "5764708" "5949878" "5960364").PN. OR ("6236847").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/03 12:36 |
| S19 | 3 | ("5572162" "6084472" "6236847").PN. OR ("6636085").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/03 12:36 |
| S20 | 27 | ((("331"/\$.OCLS. OR "333"/\$.OCLS.) OR ("327"/\$.OCLS. OR "455"/\$.OCLS. OR "330"/\$.OCLS.))) AND (NOTCH ADJ FILTER)) AND (INVERT\$3 SAME PHASE) AND (QUADRATURE SAME SIGNAL) | USPAT | OR | OFF | 2005/10/03 12:38 |
| S21 | 10 | "4723318" | USPAT | OR | OFF | 2005/10/03 14:09 |
| S22 | 37 | "5307517" | USPAT | OR | OFF | 2005/10/03 14:09 |
| S23 | 0 | "6987966".UREF. | USPAT | OR | OFF | 2006/04/17 13:20 |
| S24 | 0 | US6987966.UREF. | USPAT | OR | OFF | 2006/04/17 13:21 |
| S25 | 0 | "6987966".UREF. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/04/17 13:23 |
| S26 | 2 | "6987966" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/04/17 13:23 |

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|-----|-----|---|---------------------------|----|-----|---------------------|
| S27 | 25 | ("3659212" "4648060" "4893316" "4903329" "5031233" "5283484" "5428829" "5537459" "5593640" "5745523" "5872810" "5909463" "5940456" "6020783" "6072994" "6118984" "6134453" "6147576" "6185418" "6236847" "6343207" "6377608" "6526034" "6590943" "6738601").PN. OR ("6987966").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/17 13:33 |
| S28 | 35 | (NOTCH ADJ FILTER) AND (FIRST POLYPHASE FILTER) AND (SECOND POLYPHASE FILTER) AND (POLYPHASE ADJ FILTER) AND (I OR q SIGNALS) | USPAT | OR | OFF | 2006/04/17 14:12 |
| S29 | 1 | "6804359" | USPAT | OR | OFF | 2006/04/17 14:12 |
| S30 | 16 | "6526034" | USPAT | OR | OFF | 2006/10/01 02:52 |
| S31 | 140 | "4893316" | USPAT | OR | OFF | 2006/10/01 02:54 |
| S32 | 15 | "5940456" | USPAT | OR | OFF | 2006/10/01 02:57 |
| S33 | 46 | "6057714" | USPAT | OR | OFF | 2006/10/01 03:02 |
| S34 | 6 | "6229365" | USPAT | OR | OFF | 2006/10/01 03:03 |
| S35 | 4 | "6044255" | USPAT | OR | OFF | 2006/10/01 03:04 |

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| S36 | 15 | "3974455" "4320530" "4535304" "4754233" "4774478" "5181087" "5373191" "5567961" "5663570" "5668402" "5841300" "5859559").PN. OR ("6044255").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/10/01 03:07 |
| S37 | 3 | "6087900" | USPAT | OR | OFF | 2006/10/01 03:08 |
| S38 | 5 | ("3808517" "4361894" "4462009" "4591797" "5227743").PN. OR ("6392501").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/10/01 03:11 |
| S39 | 16 | ("5307022" "5489875" "5528196" "5565814" "5768699" "5977825" "6081156" "6094096").PN. OR ("6172560").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/10/01 03:16 |
| S40 | 18 | ("3659212" "4088834" "4602337" "4662001" "5054117" "5337056").PN. OR ("6020783").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/10/01 03:21 |
| S41 | 39 | ("4001702" "4228517" "4238849" "4281217" "4379947" "4476573" "4498195" "4507746" "4633285" "4658296" "4660192" "4674121" "4712240" "5073898" "5121211" "5121407" | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/10/01 03:30 |

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| | | "5133081" | | | | |
| | | "5150377" | | | | |
| | | "5218717" | | | | |
| | | "5278826").PN. OR | | | | |
| | | ("5850415").URPN. | | | | |
| S42 | 55 | ("4070632" | US-PGPUB; | OR | OFF | 2006/10/01 |
| | | "4236252" | USPAT; USOCR | | | 03:31 |
| | | "4468790" | | | | |
| | | "4562591" | | | | |
| | | "4584659" | | | | |
| | | "4604720" | | | | |
| | | "4623926" | | | | |
| | | "4627021" | | | | |
| | | "4680588" | | | | |
| | | "4692737" | | | | |
| | | "4713563" | | | | |
| | | "4797845" | | | | |
| | | "4857928" | | | | |
| | | "4912729" | | | | |
| | | "4989074" | | | | |
| | | "5050192" | | | | |
| | | "5083304" | | | | |
| | | "5124705" | | | | |
| | | "5142695" | | | | |
| | | "5157343" | | | | |
| | | "5194826" | | | | |
| | | "5235410" | | | | |
| | | "5241310" | | | | |
| | | "5243345" | | | | |
| | | "5267272" | | | | |
| | | "5283578" | | | | |
| | | "5341135" | | | | |
| | | "5345406" | | | | |
| | | "5430890" | | | | |
| | | "5442353" | | | | |
| | | "5451948" | | | | |
| | | "5469475" | | | | |
| | | "5500645" | | | | |
| | | "5557642" | | | | |
| | | "5712628" | | | | |
| | | "5740524" | | | | |
| | | "5742189" | | | | |
| | | "5758276" | | | | |
| | | "5764171" | | | | |
| | | "5828955" | | | | |
| | | "5859878" | | | | |
| | | "5862465" | | | | |
| | | "5973601" | | | | |
| | | "6002925" | | | | |
| | | "6035186" | | | | |
| | | "6075979" | | | | |
| | | "6148048" | | | | |
| | | "6167245" | | | | |
| | | "6294952" | | | | |
| | | "6321073" | | | | |

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| | | "6323735" "6324231" "6343207" "6389078" "6539066").PN. OR ("7024221").URPN. | | | | |
| S43 | 1 | "6804359" | USPAT | OR | OFF | 2006/10/01 18:32 |
| S44 | 7 | ("4709391" "5416845" "5553014" "5694476" "5815585" "5825898" "5978489").PN. OR ("6804359").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/10/01 18:35 |
| S45 | 17 | "6020783" | USPAT | OR | OFF | 2007/03/17 22:07 |
| S46 | 1 | "6804359" | USPAT | OR | OFF | 2007/03/17 22:07 |
| S47 | 17 | "6020783" | USPAT | OR | OFF | 2007/03/18 01:37 |
| S48 | 6 | ("4884036" "5220686" "6069522" "6184748" "6429733" "6512414").PN. OR ("6980049").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/04/14 00:45 |
| S49 | 986 | ((("331"/\$.CCLS. OR "333"/\$.CCLS.) OR ("327"/\$.CCLS. OR ("455"/\$.CCLS. OR "330"/\$.CCLS.))) AND (NOTCH ADJ FILTER) | USPAT | OR | OFF | 2008/04/14 00:50 |
| S50 | 36 | S49 and (polyphase structure) and (notch adj filter) and filter\$3 and polyphase\$3 | USPAT | OR | OFF | 2008/04/14 00:52 |

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|-----|----|--|---------------------------|----|-----|---------------------|
| SS1 | 55 | ("4070632" "4236252" "4468790" "4562591" "4584659" "4604720" "4623926" "4627021" "4680588" "4692737" "4713563" "4797845" "4857928" "4912729" "4989074" "5050192" "5083304" "5124705" "5142695" "5157343" "5194826" "5235410" "5241310" "5243345" "5267272" "5283578" "5341135" "5345406" "5430890" "5442353" "5451948" "5469475" "5500645" "5557642" "5712628" "5740524" "5742189" "5758276" "5764171" "5828955" "5859878" "5862465" "5973601" "6002925" "6035186" "6075979" "6148048" "6167245" "6294952" "6321073" "6323735" "6324231" "6343207" "6389078" "6539066").PN. OR | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/04/14 00:53 |
|-----|----|--|---------------------------|----|-----|---------------------|

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|-------------------|----|-----------|-------|----|-----|---------------------|
| ("7024221").URPN. | | | | | | |
| S52 | 42 | "6035186" | USPAT | OR | OFF | 2008/04/14 08:48 |

12/ 7/ 08 10:22:08 PM

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